

ABSTRACT OF THE DISCLOSURE

A file memory stores data corresponding to identifiers of an allocated area in an identifier space. A first memory stores a basis position of the allocated area in the identifier space. A second memory stores a weight of the storage apparatus as a performance degree. A first decision unit decides a space width to divisionally allocate the identifier space with another storage apparatus by using the weight and a weight of another storage apparatus. Another storage apparatus allocates a neighboring area of the allocated area in the identifier space. A second decision unit decides the allocated area of an area between the basis position and a basis position of the neighboring area in the identifier space by using the space width.